

CLAIMS

What is claimed is:

- 5 1. An adjustable strike mounting system, comprising:
- a channel having an opening, a bottom and longitudinally disposed opposing tracks;
- a cover plate straddling said opening and abutting said longitudinally disposed opposing tracks, said cover plate having an aperture;
- 10 male fasteners;
- female fasteners;
- a strike plate having an aperture and holes receiving said male fasteners therethrough;
- said strike plate abutting said cover plate, said strike plate aperture and said
- 15 cover plate aperture substantially common one with the other, said strike plate aperture receiving said strike plate received male fasteners therethrough;
- positioning blocks adapted to align said strike plate aperture with a bolt,
- each said positioning block having a chamber, said chamber having one
- of said female fasteners therein, and a hole from the exterior of said
- 20 block to said chamber receiving one of said received cover plate male fasteners therethrough, said male fastener mating with and fastened to said female fastener therein said chamber, said chamber adapted to

retain said female fastener therein when said male fastener is fastened to
said female fastener,

and transverse sets of opposing rails and adjacent spring leaves,

said transverse sets of opposing rails and adjacent spring leaves

5 mounted therein said channel between said bottom and said opposing
tracks of said channel.

2. The adjustable strike mounting system according to claim 1, wherein said bolt
comprises a bolt of a lockset.

10

3. The adjustable strike mounting system according to claim 1, wherein said bolt
comprises a deadbolt.

4. The adjustable strike mounting system according to claim 1, wherein an astragal
15 comprises said channel.

5. The adjustable strike mounting system according to claim 1, wherein said strike
comprises a lockset strike.

20 6. The adjustable strike mounting system according to claim 1, wherein said strike
comprises a deadbolt strike.

7. The adjustable strike mounting system according to claim 1, wherein said positioning blocks are molded.
8. The adjustable strike mounting system according to claim 1, wherein said positioning blocks are of an acetal material.
9. The adjustable strike mounting system according to claim 1, wherein said positioning block holes are oblong.
10. The adjustable strike mounting system according to claim 1, wherein:
said positioning blocks are slidable within said channel for adjustably fastening said strike plate to said astragal;
said positioning blocks are locked in place within said channel when said male fasteners are fastened to said female fasteners.
11. The adjustable strike mounting system according to claim 9, wherein:
said male fasteners are slidable within said oblong holes for adjustably fastening said strike plate to said astragal;
said positioning blocks are locked in place within said channel when said male fasteners are fastened to said female fasteners.
12. The adjustable strike mounting system according to claim 9, wherein:

said positioning blocks are slidable within said channel for adjustably

fastening said strike plate to said astragal;

said male fasteners are slidable within said oblong holes for adjustably

fastening said strike plate to said astragal;

5 said positioning blocks are locked in place within said channel when said
male fasteners are fastened to said female fasteners.

13. The adjustable strike mounting system according to claim 1, wherein said male
fasteners are screws and said female fasteners are nuts:

10

14. An adjustable strike mounting system, for adjustably fastening a strike plate
having an aperture and holes therethrough to an astragal having a channel
having a bottom and sides having opposing retaining guides, comprising:
male fasteners;

15 female fasteners;

positioning blocks,

each of said positioning blocks comprising a block and transverse sets of
opposing retaining rails and adjacent spring leaves fastened to said block,
said block having a hole and chamber therein, said chamber adapted to
20 receive and retain one of said female fasteners therein, said hole adapted to
receive one of said male fasteners therethrough and mate with said female
fastener within said chamber;

said astragal channel having said positioning blocks placed therein,

said opposing retaining rails of said positioning blocks adjacent said
opposing retaining guides of said astragal,
said spring leaves of said positioning blocks adjacent said bottom of said
astragal channel,
5 said spring leaves forcing said retaining rails of said positioning blocks to
abut said retaining guides of said astragal and a portion of said spring leaves
to abut said bottom of said channel;
a cover plate,
said cover plate having an aperture therethrough and sides, said cover plate
10 sides adjacent said astragal retaining guides;
said male fasteners inserted through said holes of said strike plate through said
aperture of said cover plate and fastened to said female fasteners in said
positioning blocks, forcing said strike plate to abut said cover plate and said
cover plate to abut said astragal retaining guides, and fasten said strike plate to
15 said astragal.

15. The adjustable strike mounting system according to claim 15, wherein said
positioning block holes are oblong.

20 16. The adjustable strike mounting system according to claim 15, wherein:
said positioning blocks are slidable within said astragal channel for
adjustably fastening said strike plate to said astragal;

said positioning blocks are locked in place within said astragal channel
when said male fasteners are fastened to said female fasteners.

17. The adjustable strike mounting system according to claim 16, wherein:

5 said male fasteners are slidable within said oblong holes for adjustably
fastening said strike plate to said astragal;
said positioning blocks are locked in place within said astragal channel
when said male fasteners are fastened to said female fasteners.

10 18. The adjustable strike mounting system according to claim 16, wherein:

 said positioning blocks are slidable within said astragal channel for
adjustably fastening said strike plate to said astragal;
said male fasteners are slidable within said oblong holes for adjustably
fastening said strike plate to said astragal;
15 said positioning blocks are locked in place within said astragal channel
when said male fasteners are fastened to said female fasteners.

29. The adjustable strike mounting system according to claim 15, wherein said
positioning block holes are countersunk.

20

20. The adjustable strike mounting system according to claim 15, wherein said male
fasteners are screws and said female fasteners are nuts:

21. The adjustable strike mounting system according to claim 15, wherein said strike plate comprises a lockset strike.
22. The adjustable strike mounting system according to claim 15, wherein said
5 strike plate comprises a deadbolt strike.
23. The adjustable strike mounting system according to claim 15, wherein said positioning blocks are molded.
- 10 24. The adjustable strike mounting system according to claim 15, wherein said positioning blocks are of an acetal material.
25. The adjustable strike mounting system according to claim 15, wherein said positioning block chambers have nibs adapted to retain said female fasteners
15 therein.
26. An adjustable strike mounting system, for adjustably fastening a strike plate having an aperture and holes therethrough to an astragal having a channel having a bottom and sides having opposing retaining guides, comprising:
20 male fasteners;
female fasteners;
positioning blocks;

each of said positioning blocks comprising a block having a top, a bottom, opposing sides, and opposing ends, and transverse sets of opposing retaining rails and adjacent spring leaves fastened to said opposing ends of said block, said block having a chamber, which has a roof having roof rails and a floor having floor rails, said block having a hole therethrough from one of said opposing ends to said other one of said opposing ends, an oblong hole through said top of said block to said roof of said chamber, and a hole from said floor of said chamber to said bottom of said block, said chamber adapted to receive and retain one of said female fasteners therein;

said astragal channel having said positioning blocks placed therein, said opposing retaining rails of said positioning blocks adjacent said opposing retaining guides of said astragal, said spring leaves of said positioning blocks adjacent said bottom of said astragal channel,

said spring leaves forcing said retaining rails of said positioning blocks to abut said retaining guides of said astragal and a portion of said spring leaves to abut said bottom of said channel;

a cover plate;

said cover plate having an aperture therethrough and sides, said cover plate sides adjacent said astragal retaining guides;

said male fasteners inserted through said holes of said strike plate through said aperture of said cover plate and fastened to said female fasteners in said positioning blocks, forcing said female fasteners against said roof rails of said

positioning blocks, forcing said retaining rails of said positioning blocks to abut said retaining guides of said astragal, forcing said strike plate to abut said cover plate and said cover plate sides to abut said astragal retaining guides, and fasten said strike plate to said astragal.

5

27. The adjustable strike mounting system according to claim 27, wherein:

said positioning blocks are slidable within said astragal channel for
adjustably fastening said strike plate to said astragal;

said positioning blocks are locked in place within said astragal channel
when said male fasteners are fastened to said female fasteners.

10

28. The adjustable strike mounting system according to claim 27, wherein:

said male fasteners are slidable within said oblong holes for adjustably
fastening said strike plate to said astragal;

said positioning blocks are locked in place within said astragal channel
when said male fasteners are fastened to said female fasteners.

15

29. The adjustable strike mounting system according to claim 27, wherein:

said positioning blocks are slidable within said astragal channel for
adjustably fastening said strike plate to said astragal;

said male fasteners are slidable within said oblong holes for adjustably
fastening said strike plate to said astragal;

20

said positioning blocks are locked in place within said astragal channel
when said male fasteners are fastened to said female fasteners.

5 30. The adjustable strike mounting system according to claim 27, wherein said
 positioning block oblong holes are countersunk.

31. The adjustable strike mounting system according to claim 27, wherein said male
fasteners are screws and said female fasteners are nuts:

10 32. The adjustable strike mounting system according to claim 27, wherein said
 strike plate comprises a lockset strike.

33. The adjustable strike mounting system according to claim 27, wherein said
strike plate comprises a deadbolt strike.

15 34. The adjustable strike mounting system according to claim 27, wherein said
 positioning blocks are molded.

20 35. The adjustable strike mounting system according to claim 27, wherein said
 positioning blocks are of an acetal material.

36. The adjustable strike mounting system according to claim 27, wherein said positioning block chambers have nibs adapted to retain said female fasteners therein.